

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	23	(US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:49
S2	5223	yamazaki-shunpei.in.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S3	0	inukai-sazutaka.in.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S4	106	inukai-kazutaka.in.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S5	5293	yamazaki-shunpei.in. inukai-kazutaka.in.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S6	127	(yamazaki-shunpei.in. inukai-kazutaka.in.) and (light adj emit\$5) and (luminescent)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S7	21	((yamazaki-shunpei.in. inukai-kazutaka.in.) and (light adj emit\$5) and (luminescent)) and electroluminescent	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S8	12	((((yamazaki-shunpei.in. inukai-kazutaka.in.) and (light adj emit\$5) and (luminescent)) and electroluminescent) and (triplet adj excitation))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S9	12	(((((yamazaki-shunpei.in. inukai-kazutaka.in.) and (light adj emit\$5) and (luminescent)) and electroluminescent) and (triplet adj excitation)) and voltage	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 17:59
S10	6	((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:07

S11	170	(electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:50
S12	110	((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:08
S13	110	((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:09
S14	0	(((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation)))) and (triplet adj (exciton or excitation)).ti.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:09
S15	1	(((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:11

		or excitation))) and (triplet adj (exciton or excitation)).clm.				
S16	96	(((electrolumescen\$3 or lumescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:10
S17	1	(((electrolumescen\$3 or lumescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:11
S18	19	(((electrolumescen\$3 or lumescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electrolumescen\$3 or lumescen\$3 or fluorescen\$3).ti.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:12

S19	19	<p>((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) not (((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) (((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.))</p>	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:23
S20	2	<p>("5698858"   "5756224"   "2002/0182441").PN.</p>	USPAT	OR	ON	2004/08/06 18:20

S22	76	<p>(((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.) (((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) (((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.) (((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-</p>	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:24
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6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) not ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.))) ("5698858" | "5756224" | "2002/0182441").PN.))

S23	73	<p>((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.) (((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.)</p> <p>((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.) (((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-</p>	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:24
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6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) not ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.))) ("5698858" | "5756224" | "2002/0182441").PN.))) and (material and voltage)



S24	47	<p>(((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-</p>	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:24
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6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) not ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.))) ("5698858" | "5756224" | "2002/0182441").PN.))) and (material and voltage)) and (power adj supply)

S25	34	<p>(((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.) (((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-</p>	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:37
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6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) not ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.))) ("5698858" | "5756224" | "2002/0182441").PN.))) and (material and voltage)) and (power adj supply)) and (light adj emitting adj device)

S26	42	<p>((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.) (((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.)</p> <p>((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.) (((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-</p>	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:37
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6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) not ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.))) ("5698858" | "5756224" | "2002/0182441").PN.))) not (((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-

6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.) (((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-

		<p>5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (electroluminescen\$3 or luminescen\$3 or fluorescen\$3).ti.) not ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and (triplet adj (exciton or excitation)).clm.) ((((((electroluminescen\$3 or luminescen\$3 or fluorescen\$3) and (triplet adj exciton) and (light adj emit\$5) and transistor) not (((US-6303238-\$ or US-6267913-\$ or US-6310360-\$ or US-6160272-\$ or US-6191764-\$ or US-6191534-\$ or US-6057647-\$ or US-6028327-\$ or US-6004681-\$ or US-5965979-\$ or US-5955834-\$ or US-5922537-\$ or US-5756224-\$ or US-5698048-\$ or US-5666023-\$ or US-5523555-\$ or US-5504323-\$ or US-5096801-\$ or US-4924215-\$ or US-4974942-\$ or US-4907862-\$ or US-4143297-\$).did. or (US-20010050373-\$).did.) (yamazaki-shunpei.in. inukai-kazutaka.in.))) and (triplet adj (exciton or excitation))) and ((thin adj film adj transistor) or "TFT")) and (triplet adj (exciton or excitation)).ab.))) ("5698858"   "5756224"   "2002/0182441").PN.))) and (material and voltage)) and (power adj supply)) and (light adj emitting adj device))</p>				
S27	6	"6475845"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/06 18:50



S28	14	"6310360"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/07 05:28
S29	8	"6310360" and (triplet adj (exciton or excitation))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/07 05:29
S30	8	("6310360" and (triplet adj (exciton or excitation))) and ((electroluminescen\$3 or luminescen\$3 or fluorescen\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/07 05:29
S31	7	"6310360".URPN.	USPAT	OR	ON	2004/08/07 11:14
S32	4	("5393614"   "6010796"   "6310360"   "6312836").PN.	USPAT	OR	ON	2004/08/07 11:16
S33	16	(US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$). did.	US-PGPUB; USPAT	OR	OFF	2004/08/08 18:32
S34	12	((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$). did.) and triplet	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 18:33
S35	10	(((((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$). did.) and triplet) and electroluminescen\$3) and voltage	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 18:55
S36	4	(((((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$). did.) and triplet) and electroluminescen\$3) and voltage) and transistor	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 18:55
S37	10	(((((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$). did.) and triplet) and electroluminescen\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:49

S38	921	(light adj emitting adj device) and electroluminescen\$3 and substrate and ((metal with group) or nicle or cobalt or palladium)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:50
S39	914	((light adj emitting adj device) and electroluminescen\$3 and substrate and ((metal with group) or nicle or cobalt or palladium)) not (((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.) and triplet) and electroluminescen\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:50
S40	416	((light adj emitting adj device) and electroluminescen\$3 and substrate and ((metal with group) or nicle or cobalt or palladium)) not (((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.) and triplet) and electroluminescen\$3)) and (formula and luminescen\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:51
S41	108	((light adj emitting adj device) and electroluminescen\$3 and substrate and ((metal with group) or nicle or cobalt or palladium)) not (((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.) and triplet) and electroluminescen\$3)) and (formula and luminescen\$3)) and (triplet)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:51
S42	42	((light adj emitting adj device) and electroluminescen\$3 and substrate and ((metal with group) or nicle or cobalt or palladium)) not (((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.) and triplet) and electroluminescen\$3)) and (formula and luminescen\$3)) and (triplet)) and ((nickel or "Ni") and (cobalt or "Co") and (palladium or "Pd"))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:53

S43	17	(((((light adj emitting adj device) and electroluminescen\$3 and substrate and ((metal with group) or nicle or cobalt or palladium)) not (((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.) and triplet) and electroluminescen\$3)) and (formula and luminescen\$3)) and (triplet)) and ((nickel or "Ni") and (cobalt or "Co") and (palladium or "Pd")))) and (transistor)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:53
S44	15	(US-6730992-\$ or US-5756224-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/08/08 21:53
S45	17	(((((light adj emitting adj device) and electroluminescen\$3 and substrate and ((metal with group) or nicle or cobalt or palladium)) not (((US-6730992-\$ or US-5756224-\$ or US-6733905-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.) and triplet) and electroluminescen\$3)) and (formula and luminescen\$3)) and (triplet)) and ((nickel or "Ni") and (cobalt or "Co") and (palladium or "Pd")))) and (transistor)) not ((US-6730992-\$ or US-5756224-\$ or US-6762735-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6515298-\$ or US-6310360-\$ or US-6524728-\$ or US-6312836-\$ or US-6010796-\$).did. or (US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$ or US-20020008233-\$).did.)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/08/08 21:54
S46	15	(US-20020008233-\$ or US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$).did. or (US-5756224-\$ or US-6010796-\$ or US-6310360-\$ or US-6312836-\$ or US-6515298-\$ or US-6524728-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6730992-\$ or US-6762735-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/02/17 11:54
S47	19	"6160272"	USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/03/01 10:15
S48	16	(US-20020008233-\$ or US-20030054198-\$ or US-20030059646-\$ or US-20030178619-\$).did. or (US-5756224-\$ or US-6010796-\$ or US-6160272-\$ or US-6310360-\$ or US-6312836-\$ or US-6515298-\$ or US-6524728-\$ or US-6528950-\$ or US-6611108-\$ or US-6660410-\$ or US-6730992-\$ or US-6762735-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/31 06:40

S49	5	digital\$3 adj driv\$3 adj transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:50
S50	2357	digital\$3 with driv\$3 with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:50
S51	240	S50 and (\$7lumines\$6 or fluorescen\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:52
S52	12	S51 and ((triplet adj exciton) and (light adj emit\$5) and transistor)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 09:52
S53	15	S51 and (triplet near3 excit\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:56
S54	3	S53 not S52	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:55
S55	15	S51 and (triplet with excit\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:56
S56	27	S51 and (triplet)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:56
S58	12	S56 not S55	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 06:57
S59	38	("20020196389"   "20030016190"   "4356429"   "4539507"   "4720432"   "4769292"   "4885211"   "4950950"   "5047687"   "5059861"   "5059862"   "5061617"   "5073446"   "5151629"   "5247190"   "5294869"   "5294870"   "5399502"   "5641991"   "5714968"   "5839456"   "5882761"   "5990629"   "6011529"   "6087245"   "6100860"   "6111270"   "6165824"   "6229506"   "6236064"   "6246180"   "6246384"   "6281634"   "6307322"   "6366025"   "6433485"   "6440877"   "6528950").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 07:00
S60	213	S51 not (S53 S55 S56)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 09:54

S61	47	S60 and @ad< "20000522"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 07:03
S62	15	S60 and @rlad< "20000522"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 07:03
S63	56	S61 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 07:59
S64	54	S63 and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 09:52
S65	375	"5703436"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 09:52
S66	59	S65 and ((triplet adj exciton) and (light adj emit\$5) and transistor)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 09:53
S67	36	S66 and ((driv\$3 or control\$3) near (circuit or device or component))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 09:54
S68	36	S67 not (S53 S55 S56 S64)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 12:32
S69	1	"6873312"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 12:32
S70	375	"5703436"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/31 12:49
S71	7508	257/40,72,98,e31.095,e31.096,e31.129, e33.061.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:18
S72	330	365/110,111.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:19

S73	1122	438/29,69.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:19
S74	2581	(S71 S72 S73) and (\$luminescen\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:23
S75	323	S74 and triplet	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:42
S76	171	S75 and digit\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:23
S77	155	S76 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:23
S79	24	S76 and (digit\$4 with (transistor or gate))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:40
S80	2206	257/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:42
S81	2214	257/59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:42
S82	75	S81 and triplet and (\$luminescen\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:48
S83	1	(S82 not S79) and (@ad<"20000522" or @rlad<"20000522")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 18:44
S84	15	(S82 not S79) and (@ad<"20010502" or @rlad<"20010502")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:04
S85	8	(digital\$3 and triplet and (\$luminescen\$)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:03

S86	2595	(digital\$3 and triplet and (\$luminescen\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:04
S87	1043	S86 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:04
S88	40	(S87 not (S79 S83 S84 S85)) and (@ad<"20000522" or @rlad<"20000522")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:21
S89	23	S88 and (digital with (gate or transistor or driv \$4 or control\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:06
S90	11	S88 and (excit\$4 near triplet)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:20
S91	14	S88 and (excit\$4 near3 triplet)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:17
S92	8661	(transistor with (digital\$3 with (gate or control \$3 or operat\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:20
S93	4762	(S92 not (S79 S83 S84 S85 S90 S91)) and (@ad<"20000522" or @rlad<"20000522")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:22
S94	598	S93 and (light with emi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:23
S96	50	S94 and (\$luminescen\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:24
S97	0	S96 and triplet	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/08 19:23
S98	201	"5684365"	USPAT	OR	OFF	2008/03/21 15:40
S99	156	"6097147"	USPAT	OR	OFF	2008/03/21 15:41

S100	1	10/754701	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 15:47
S101	1285	257/40.ccls.	USPAT	OR	OFF	2008/03/21 15:59
S102	2935	257/59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/03/21 16:01
S103	2335	345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/03/21 16:01
S104	4046	428/690.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/03/21 16:01
S105	13422	257/40,59,72,94,87,89,102,103,e51.044, e51.041,e51.047,e51.051.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:54
S106	0	245/76,98,504.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:54
S107	4731	345/76,98,504.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:54
S108	455	H01L51/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:55
S109	227	H01L35/24.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:55
S110	16335	S98 S99 S104 S105 S108 S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:56



S111	2930	S110 and (driv\$3 near2 circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:56
S112	3846	S110 and ((power voltage) near2 (supply source))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:57
S113	1471	S111 and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:57
S114	601	S113 and (@ad< "20010502" @rlad< "20010502")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:57
S115	312	S114 and digital\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:57
S116	146	S115 and (low small\$3) adj2 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:58
S117	26	S116 and triplet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 16:58
S118	2	((("6097147") or ("5684365")).PN.	USPAT; USOCR	OR	OFF	2008/03/21 17:00
S119	1	S118 and triplet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:01
S120	120	S116 not S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:13

S121	8	S120 and (digital with gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:17
S122	408	(semiconductor adj energy).as. and (driv\$3 near2 circuit) and (digital with gate) and ((power voltage) near2 (supply source))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:46
S123	196	S122 and triplet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:46
S124	196	S123 not S120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:46
S125	0	S124 and (@ad<"20000522" @rlad<"20000522")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:47
S126	95	S122 and (@ad<"20000522" @rlad<"20000522")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:48
S127	0	S126 and (((power voltage) near2 (supply source)) with config\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:49
S128	0	S126 and (((power voltage) near2 (supply source)) with config\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:49
S129	18	S126 and ((power voltage) with transistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/03/21 17:50
S130	1	10/754701	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 15:54

S131	295	(electroluminescen\$3 electro-luminescen\$3 (electr\$3 near2 luminescen\$3)) and digital and transistor and ((voltage power) same (10v ("10" adj volt)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 17:41
S132	76	S131 and triplet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 17:41
S133	0	S132 and (@ad<"20000522" @rlad<"20000522")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 17:42
S134	25	S132 and (@ad<"20010502" @rlad<"20010502")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 17:42
S135	21	("20020113760"   "4888523"   "5095248"   "5247190"   "5399502"   "5606348"   "5610628"   "5652600"   "5736752"   "5876865"   "5899575"   "5940053"   "5990629"   "6246180"   "6246384"   "6292183"   "6335716"   "6504520"   "6548960"   "6756740").PN. OR ("7113154"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/04 17:52
S136	1	((electroluminescen\$3 electro-luminescen\$3 (electr\$3 near2 luminescen\$3)) and digital and transistor and ((voltage power) same (10v ("10" adj volt))))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 17:58
S137	131	((electroluminescen\$3 electro-luminescen\$3 (electr\$3 near2 luminescen\$3)) and digital and transistor and (voltage power)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 17:59
S138	3	S137 and triplet.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 18:00
S139	49	S137 and driver.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 18:01

S140	206	S131 and driver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 18:11
S141	177	S140 not (S134 S138 S139)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 18:11
S142	36	S141 and (digital with gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 18:11
S143	9	S142 and triplet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/04 18:19

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